

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

TENTATIVE ADDENDUM NO. 1 TO ORDER NO. R9-1998-0009

**AN ADDENDUM INCREASING THE FLOW LIMITATION
VALLEY CENTER MUNICIPAL WATER DISTRICT
WOODS VALLEY RANCH WATER RECLAMATION FACILITY
SAN DIEGO COUNTY**

The California Regional Water Quality Control Board, San Diego Region (hereafter Regional Board) finds that:

1. Order No. R9-1998-009 prescribes waste discharge requirements to Valley Center Municipal Water District (VCMWD) for discharging up to 0.070 million gallons per day (MGD) of tertiary wastewater from the Woods Valley Ranch Water Reclamation Facility (WVRWRF).
2. The existing WVRWRF is located near Valley Center Road and Woods Valley Road in the community of Valley Center within the Valley Center Hydrologic Subarea (HSA 903.14).
3. The VCMWD submitted a Report of Waste Discharge dated January 2006 proposing an expansion of WVRWRF to 0.147 MGD. This expansion will provide treatment capacity for the adjacent proposed Orchard Run development eliminating the need to construct the new treatment facility at Orchard Run, for which VCMWD was issued waste discharge requirements (Order No. R9-2002-336) by this Regional Board to discharge up to 0.077 MGD of tertiary wastewater to 35-acres of open space on Orchard Run property.
4. Increasing the flow capacity at WVRWRF from 0.070 MGD to 0.147 MGD at the same time as eliminating the proposed Orchard Run Water Reclamation Facility will maintain water quality conditions in the Valley Center HSA.
5. The Regional Board has notified all known interested parties of its intent to amend waste discharge and recycling requirements.
6. In March 2006 the VCMWD adopted a Mitigated Negative Declaration prepared for the expansion project pursuant to the provisions of California Environmental Quality Act (CEQA).
7. The Regional Board has considered all water resource related environmental factors associated with the proposed discharge of waste.
8. The Regional Board in a public meeting heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that:

1. Discharge Specification A.5 of Order No. R9-1998-009 is modified to read as follows:

A.5 The 30-day average dry weather flow from the WVRWRF shall not exceed 0.070 million gallons per day (MGD) until such time that:

 - a. The certification report specified in Directive No. 2 of Addendum No. 1 to this Order is received and accepted as complete by the Regional Board, and
 - b. The Regional Board has been notified that the Title 22 report specified in Directive No. 3 of Addendum No. 1 to this Order is approved by the State DHS and County DEH, and
 - c. The Regional Board has been notified that the expansion of the WVRWRF facilities has been completed by VCMWD, and
 - d. An inspection of the new and expanded facilities has been made by the Regional Board, and
 - e. The Regional Board notifies VCMWD by letter that the discharge can be increased up to 0.147 MGD.
2. VCMWD shall submit a certification report demonstrating that the expanded WVRWRF and recycled water storage and disposal facilities have adequate capacity for an average daily flow of 0.147 MGD and a peak instantaneous flow of 0.588 MGD. The report, prepared by a qualified civil engineer licensed in the State of California, shall contain a requirement-by-requirement analysis based on acceptable engineering practices, of how the process and physical designs of the facilities will ensure compliance with this Order. Including, but not limited to documentation that at least 29.5 acre-feet of wet-weather storage capacity has been provided. The design engineer shall affix their signature and engineering license number to the certification report and should submit it prior to construction of the facilities.
3. VCMWD shall submit an Title 22 engineering certification report that addresses the treatment plant expansion and includes the following:

Prior to increasing the discharge beyond 0.070 MGD, the VCMWD shall submit a Title 22 engineering report that demonstrates the expanded WVRWRF will meet the design, operational, and reliability requirements of Articles 7, 8, 9 and 10 of the California Code of Regulations, Title 22, Division 4, Chapter 3. VCMWD shall prepare an engineering report conforming to the California Code of Regulations, Title 22, Engineering Report Guidelines, Sections 3 and 4. The engineering report shall be submitted to the State DHS, County DEH, and the Regional Board.

4. The following constituents and criteria shall be added to the list specified in Monitoring Provision B.1 of Monitoring and Reporting Program No. R9-1998-009:

CONSTITUENT	UNIT	TYPE OF SAMPLE	SAMPLING FREQUENCY	REPORTING FREQUENCY
Nitrate (as NO ₃)	mg/L	Grab	Annually	Annually
Nitrite (as NO ₂)	mg/L	Grab	Annually	Annually
Kjeldahl Nitrogen (as N)	mg/L	Grab	Annually	Annually
Total Nitrogen (as N)	mg/L	Grab	Annually	Annually

5. The following shall be added as Provision 29 of Attachment No.1 to Order No. R9-1998-009 for inclusion in the VCMWD's Rules and Regulations for Recycled Water Use Projects:

The amount of nitrogen from commercial fertilizers applied to irrigation use sites shall be managed to take into account the nitrogen content of the recycled water in order to ensure sufficient nitrogen uptake by the vegetation and prevent leaching of excess nitrates and nitrogen compounds into soil beyond the root zone.

6. Order No. R9-2002-0336 for the VCMWD, Orchard Run Water Reclamation Facility is rescinded.

I, John H. Robertus, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Addendum adopted by the California Regional Water Quality Control Board, San Diego Region, on August 16, 2006.

TENTATIVE

JOHN H. ROBERTUS
Executive Officer